

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify that the below-identified **Amendment and Response to Office Action** is being deposited as First Class Mail on this date with the United States Postal Service in an envelope addressed to Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: August 19, 2004

By: Kim L. Wilson
Signature of Person Depositing as First Class Mail.



**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

PATENT

Applicants:	Randall W. Nelson et al.	Docket No.:	41821.0600
Serial No.:	10/047,548	Examiner:	Sally A. Sakelaris
Filed:	January 15, 2002	Art Unit:	1634
Title:	INTEGRATED SYSTEM FOR ANALYSIS OF BIOMOLECULES		

AMENDMENT AND RESPONSE

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Honorable Commissioner:

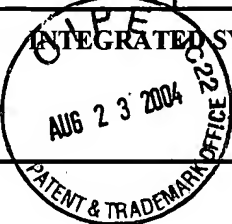
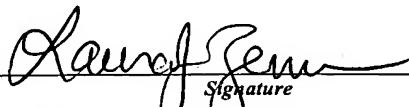
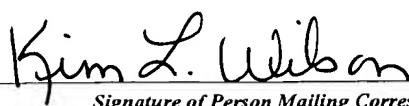
In response to the Office Action dated February 19, 2004, the period of response for which is hereby extended by three months to August 19, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 5 of this paper.

An **Appendix** including missing page 7 of the specification is attached following page 9 of this paper.

AMENDMENT TRANSMITTAL LETTER (Small Entity)			Docket No. 41821.0600		
Applicant(s): Randall W. Nelson et al.					
Serial No. 10/047,548	Filing Date January 15, 2002	Examiner Sally A. Sakelaris	Group Art Unit 1634		
Invention: INTEGRATED SYSTEM FOR ANALYSIS OF BIOMOLECULES					
 <u>TO THE COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application.					
<input type="checkbox"/> Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted.					
<input type="checkbox"/> A verified statement to establish Small Entity status under 37 CFR 1.27 is enclosed.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	12 -	20 =	0 x	\$9.00	\$0.00
INDEP. CLAIMS	1 -	3 =	0 x	\$42.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<input checked="" type="checkbox"/> No additional fee is required for amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____					
<input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-2814					
<input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.					
<input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 Laura J. Zeman, Reg. No. 36,078 One Arizona Center 400 East Van Buren Phoenix, Arizona 885004-22-2 Phone: (602) 382-6377 Fax: (602) 382-6070			Dated: August 19, 2004		
CC:			I certify that this document and fee is being deposited on August 19, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.		
			 Signature of Person Mailing Correspondence		
			Kim L. Wilson Typed or Printed Name of Person Mailing Correspondence		